Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1.-106. (Canceled)

107. **(Previously presented)** A method for modifying the fucosylation pattern of a recombinant glycopeptide comprising an acceptor, said method comprising:

contacting a full-length recombinant glycopeptide with a reaction mixture that comprises a fucose donor moiety and a fucosyltransferase under appropriate conditions *in vitro* to transfer fucose from the fucose donor moiety to the acceptor moiety, such that the glycopeptide has a substantially uniform fucosylation pattern;

wherein said acceptor moiety is Galβ1,4GlcNAc-OR or NeuAcα2,3Galβ1,4GlcNAc-OR, wherein R is an amino acid, a saccharide, an oligosaccharide or an aglycon group having at least one carbon atom and is linked to or is part of a glycopeptide, and

wherein said eukaryotic fucosyltransferase is a recombinantly produced FucT-VI corresponding to SEQ ID NO:1 or FucT-VII fucosyltransferase corresponding to SEQ ID NO:2, and wherein said eukaryotic fucosyltransferase lacks a membrane anchoring domain.

108. **(Previously presented)** The method of claim 107, wherein the concentration of said recombinant eukaryotic FucT-VI or FucT-VII fucosyltransferase is at least 1 Unit/ml.

109. **(New)** The method of claim 107 or 108, wherein the fucosyltransferase is FucT-VI.

110. **(New)** The method of claim 107 or 108, wherein the fucosyltransferase is FucT-VII.

111. **(New)** The method of claim 107 or 108, wherein said full-length recombinant glycopeptide is a clotting factor.

112. **(New)** The method of claim 111, wherein said clotting factor is selected from the group consisting of Factor VIII and Factor IX.

113. **(New)** The method of claim 107 or 108, wherein said fucosyltransferase provides at least 2-fold greater fucosylation of said glycopeptide than is achieved under identical conditions using FucT-V.

114. **(New)** The method of claims 113, wherein said fucosyltransferase is FucT-VI.

115. **(New)** The method of claim 113, wherein said fucosyltransferase provides at least 4-fold greater fucosylation of said glycopeptide than is achieved under identical conditions using FucT-V.

116. **(New)** The method of claims 115, wherein said fucosyltransferase is FucT-VI.

117. **(New)** The method of claim 113, wherein said fucosyltransferase provides at least 8-fold greater fucosylation of said glycopeptide than is achieved under identical conditions using FucT-V.

118. **(New)** The method of claims 117, wherein said fucosyltransferase is FucT-VI.

119. **(New)** The method of claim 107 or 108, wherein said recombinant glycoprotein is present at a concentration of at least about 2 mg/ml.